

## **CLAIMS**

1. A method for a service delivery platform to provision and configure third party IP application service provider for the network service provider to deliver Internet related services in an Internet Protocol (IP) centric distributed network to a first user, the method
- 5 comprising:
- establishing policy requirements set by the network service provider with third party application service provider;
  - establishing configuration between functional components for access;
  - maintaining third party IP application service provider's records;
  - 10 managing delivery of IP application services;
  - reporting service related information and accounting records for a first user to network service provider.
2. The method of claim 1 further including providing session management control, policy
- 15 management, accounting management, resource control management, security management, mobile portal control, and network management that include configuration and provisioning management by the service delivery platform.
3. The method of claim 1 further including providing service management capabilities
- 20 by the service delivery platform.
4. The method of claim 1 further including facilitating service management activities between the third party IP application service provider, network service provider and the first user by the service delivery platform.
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5. The method of claim 1 further including facilitating enabling of service activation for the first user, and interaction activities between the first user, the service delivery platform and the third party service provider.

6. The method of claim 1 further including interfacing with the service delivery platform for resolution in case of third party IP application service provider invocation and any parameter dispute.

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7. The method for a network service provider to interface with the service delivery platform to configure third party IP application service provider to deliver Internet related services in an Internet Protocol (IP) centric distributed network to a first user, the method comprising:

- 10       conveying first user's authorized services and user's profile;  
          accounting method to use for final usage data reporting of a first user;  
          conveying network policy requirement for a specific to Internet related service for a first user.

- 15       8. The method of claim 7 further including facilitating end user's access to a third party IP application service provider.

9. The method of claim 7 further including facilitating a third party IP application service provider by service delivery platform to enable to provide IP application service to a first user.

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10. The method of claim 9 further including facilitating security mechanism between a third party IP application service provider and a first user.

- 25       11. A system for a service delivery platform to manage invoked IP application services by a first user to a third party IP application service provider, the system comprising:  
          a first user requests a IP application service to a third party IP application service provider;  
          a third party IP application service provider renders a service to a first user;  
          a third party reports accounting usage to a service delivery platform;

a service delivery platform facilitates network resource needs for a first user.

12. The method of claim 11 further including facilitating network's resources needed in providing IP application service to a first user.

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13. The method of claim 11 further including facilitating accounting clients at a first user to collect usage data.

10 14. The method of claim 11 further facilitating policy requirements to accommodate resources.

15. The method of claim 11 further performing sequence of actions within a service delivery platform to coordinate network service provider's guidelines.

15 16. The method of claim 11 further stores accounting usage at a local data base.

17. The method of claim 11 collects complete accounting usage from a third party IP application service provider.

20 18. The method of claim 11 collects interim accounting usage data and stores in a local data base.

19. The method of claim 11 reports collected accounting usage data of a first user to a network service provider for final aggregation, billing and charges to a first user.

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